

# Part 7

## Traffic Controls for School Areas

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**CHAPTER 7B. SIGNS****Section 7B.07 Sign Color for School Warning Signs****Standard:**

The following signs shall have a fluorescent yellow-green background with a black legend and border:

- A. School Crossing sign (S1-1);



- B. School Bus Stop Ahead sign (S3-1);



- C. SCHOOL plaque (S4-3);

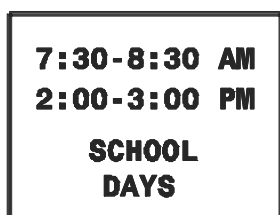


- D. School Speed Limit sign (S5-1);



**E. Distance plaques (W16-2 series);****F. AHEAD plaque (W16-9p);****G. Diagonal Arrow plaque (W16-7p); and****Section 7B.11 School Speed Limit Assembly (S4-1 Series, S4-2, S4-3, S4-4, S4-6, S5-1)****Option:**

The S4-1a or S4-1b signs may be used with the R2-1 sign.



**S4-1a**  
**24" x 24"**  
**(600 mm x 600 mm)**



**S4-1b**  
**24" x 24"**  
**(600 mm x 600 mm)**

**Support:**

See Figure NC-7-1 for sign location.

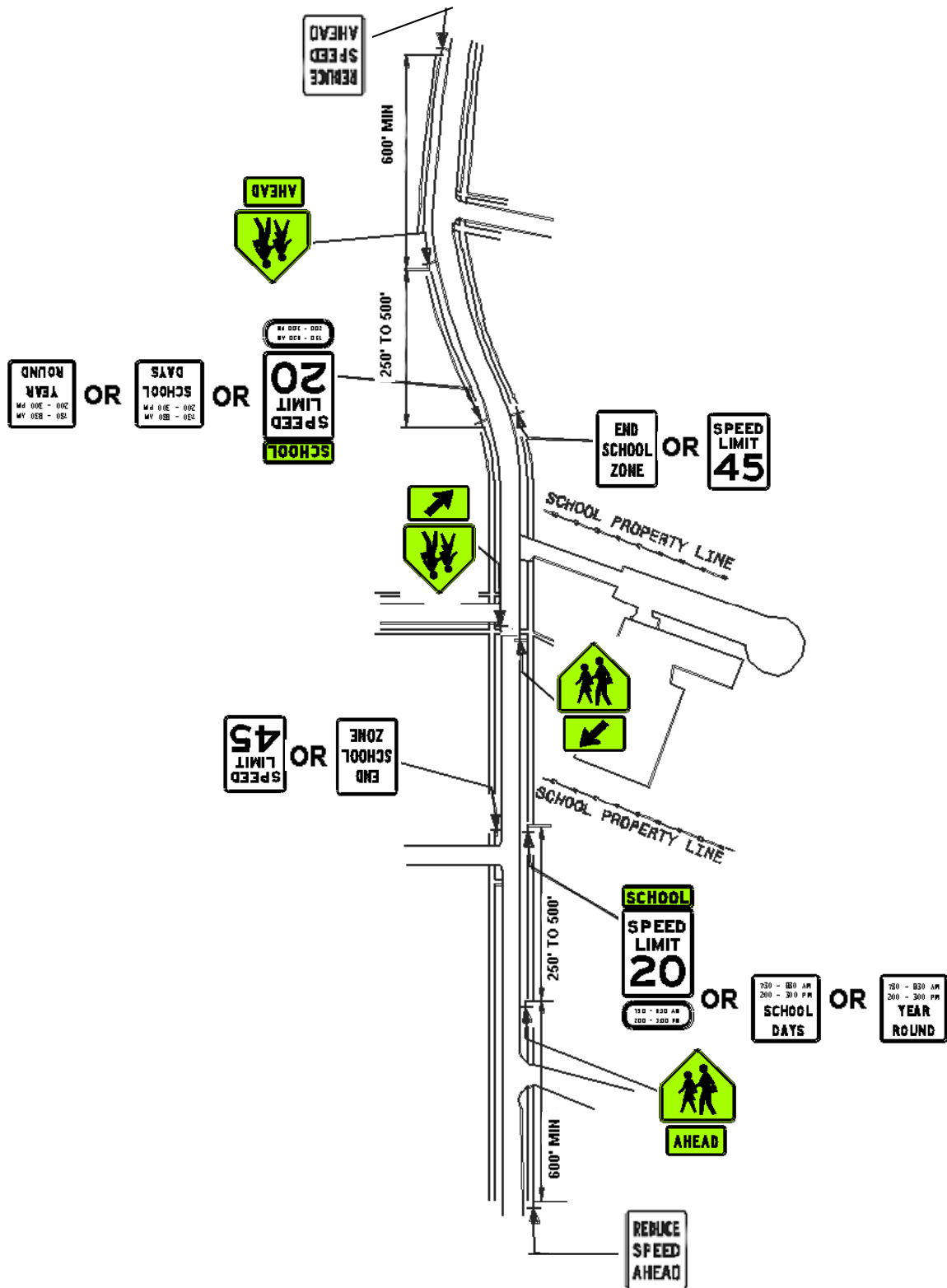


FIGURE NC-7-1  
STANDARD SIGNING FOR SCHOOL ZONES

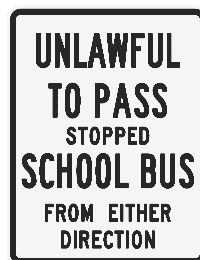
**Section 7B.15 UNLAWFUL TO PASS STOPPED SCHOOL BUS Signs (R4-90, R4-91)**

Option:

The Unlawful to Pass Stopped School Bus (R4-90 and R4-91) signs may be used to inform motorists of G.S. 20-217, which states that:

The driver of any vehicle approaching a school bus from either direction on the same road, street, or highway while the bus is displaying its mechanical stop signal and is stopped for the purpose of receiving or discharging passengers, shall bring his vehicle to a full stop and not proceed until the mechanical stop signal is turned off, unless the conditions shown below are present:

- The driver of any vehicle need not stop if he is traveling in the opposite direction from the school bus on any road, highway, or city street that has been divided into two roadways, so constructed as to separate vehicular traffic between the two roadways by a divided space (highways that consist of at least four lanes or more with a median, or highways that consist of at least four or more lanes with a center lane used for left turns) or by a physical barrier.



**R4-90**



**R4-91**

Guidance:

The R4-90 sign should be used on all school bus routes on two-lane, three-lane, or four-lane roads, streets, or highways that are not divided as described in G.S. 20-217.

**Standard:**

The 30" x 42" (600 mm x 1050 mm) size of the R4-90 sign shall be posted near the State line facing traffic entering the State on all major two-lane, three-lane, or four-lane roads entering the State that are not divided as described in G.S. 20-217. The 21" x 30" (525 mm x 600 mm) size of the R4-90 sign shall be posted near the State line facing traffic entering the State on secondary two-lane, three-lane, or four-lane roads that are not divided as described in G.S. 20-217, paved or unpaved, entering the State that are used as school bus routes.

## Guidance

The R4-90 sign, in either size, should be posted at other locations along system two-lane, three-lane, or four-lane roads that are not divided as described in G.S. 20-217 where emphasis is needed.

## Standard:

**The R4-91 sign shall be posted near the State line facing traffic entering the State on all highways divided into two roadways by a divided space.**

## Guidance:

The R4-91 sign should be posted at other locations along the system roads divided into two roadways by a divided space where emphasis is needed.

## Support:

The use of the Interstates and controlled-access highways for school bus routes is discouraged, but is sometimes allowed when no alternate route exists. Even then, because school buses are not allowed to stop on controlled-access highways for receiving or discharging passengers, posting of the R4-91 sign would not be necessary.

Reflectorization is not required unless school buses operate on the route during hours of darkness.